

# Receiving Report

Date:

B-8-23

Batch No:

126687

Supplier:

TW metals

Dart P/O:

20944

Packing Slip:

Yes ☒

No ☐

Invoice:

Yes ☒

No ☐

Receipt:

Cash ☐

Cr ☒

Release Note Attached:

Yes ☒

No ☐

N/A ☐

Waybill Attached:

Yes ☒

No ☐

N/A ☐

Shipment Complete:

Yes ☒

No ☐

N/A ☐

QC6 Inspection

DAS

N/A ☒

Work Order

16

N/A ☒

9-89

1362125

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK)

Level 12

SP

Production/Admin:

Date

B-8-23

Received/Costing

Initial

SP

Location

All amounts are calculated in domestic currency.

All Item ID/GL/WOs	All Rec. Employees	All Currencies

Grouped by Vendor ID

Purchase Order ID/ Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Sid	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name											
PO20944 USD	1	VU-TW-M001	TW Metals		8/22/2013	8/23/2013	100.0000	\$6.95	0.0000	0	\$695.00
	No		M304TR1.250W.125 f	304 RD Tube 1.250 x f .125w	108.0000	DESJ02		\$695.00	0.0000	0	
			ml26686								
	2		M6061T6T1.000W.1 f 88	8/22/2013	8/23/2013	300.0000	\$6.56	0.0000	0	\$1,968.00	
	No		6061T6 RD TUBE 1.00 X .188W	300.0000	DESJ02		\$1,968.00	0.0000	0		
			ml26686								
	3		M6061T6T3.500W.3 f 75	8/22/2013	8/23/2013	24.0000	\$18.00	0.0000	0	\$432.00	
	No		6061-T6 RD Tube 3.50 X .375 W	24.0000	DESJ02		\$432.00	0.0000	0		
			ml26686								
	4		M6061T6TS1.000W. f 120	8/22/2013	8/23/2013	168.0000	\$2.00	0.0000	0	\$336.00	
	No		6061T6 SQ TUBE 1.00 x 1.00 X .120w	160.0000	DESJ02		\$336.00	0.0000	0		
			ml26686								
Total Received Quantity:											592.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$3,431.00
Total Balance Due Quantity:											8.0000



O'Neal High-Performance  
Metals Group



# PACKING SLIP

ORDER NO.: 70516681

FROM: ATLA

PAGE 1

CUST NUMBER: 1203820 NET WGT: 504.725 REQ.DATE: 08/22/13 CONFIRMED  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKESBURY ON HAWKESBURY ON  
CANADA ONTARIO CANADA  
CN K6A 1K7 CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 08/16/13  
TERMS: NET 30 DAYS VIA: COMMON CARRIER  
F.O.B.: SHIPPING POINT FREIGHT: PREPAID  
CUST ORD NO.: PQ20944 RELEASE NO.:  
RECEIVING PHONE:

LINE	ITEM DESCRIPTION	WIDTH	LENGTH
0001	37241 SMLS CD 304/L A269 1-1/4 X .120WA		17 24 FT
QTY:	108.000 FT	WT: 144.792 PC:	5 SHP: 100.000 FT

PART#: M304TR1.25W.125

\*\* 1 TEST REPORTS REQUIRED \*\*

\*\* 1 CERTS REQUIRED \*\*

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00  
PO:49281567 HT:YT20888 PC: 5 SLB/CL:YT20888  
MLT:CHINA MFG:CHINA

0002	43377 D6061-T6 1 OD X .188 WA		12 FT ML
QTY:	300.000 FT	WT: 169.164 PC:	25 SHP: 300.000 FT

PART#: M6061T6T1.000W.188

\*\* 1 TEST REPORTS REQUIRED \*\*

\*\* 1 CERTS REQUIRED \*\*

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00  
PO:49285582 HT:F001359240001 PC: 5 SLB/CL:F001359240001  
MLT:UNITED STATES MFG:UNITED STATES  
PO:49293127 HT:F00142650 PC: 20 SLB/CL:F00142650  
MLT:UNITED STATES MFG:UNITED STATES

0003	45963 E6061-T6 SQ-SC TUBE 1 SQ X .125 WA		21' 1" FT
QTY:	160.000 FT	WT: 86.850 PC:	8 SHP: 168.667 FT

PART#: M6061T6TS1.00W.120

\*\* 1 TEST REPORTS REQUIRED \*\*

\*\* 1 CERTS REQUIRED \*\*

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00  
PO:49294907 HT:HP061588 PC: 8 SLB/CL:HP061588  
MLT:UNITED STATES MFG:UNITED STATES

SP13-8-23

## THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE  
OF THESE PRODUCTS ARE SET FORTH ON THE  
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



# PACKING SLIP

ORDER NO.: 70516681 FROM: ATLA PAGE 2

CUST NUMBER: 1203820 NET WGT: 504.725 REQ.DATE: 08/22/13 CONFIRMED  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKESBURY ON HAWKESBURY ON  
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 08/16/13  
TERMS: NET 30 DAYS VIA: COMMON CARRIER  
F.O.B.: SHIPPING POINT FREIGHT: PREPAID  
CUST ORD NO.: PO20944 RELEASE NO.:  
RECEIVING PHONE:

LINE ITEM DESCRIPTION WIDTH LENGTH

0004 45283 E6061-T6511 B241 3-1/2 OD X .375 WA 24 FT ML  
QTY: 24.000 FT WT: 103.919 PC: 1 SHP: 24.000 FT

PART#: M6061T6T3.500W.375  
\*\* 1 TEST REPORTS REQUIRED \*\*  
\*\* 1 CERTS REQUIRED \*\*

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00  
PO:49298412 HT:505960380001 PC: 1 SLB/CL:316014  
MLT:UNITED STATES MFG:UNITED STATES

*SP B-8-23*

		PACK INFO				
AREA	TYPE OF PKG	PKGS	GRS WEIGHT	WIDTH	LENGTH	HGHT
B-1	REDDICRATE	1.000	378.000		300.0000	
B-1	REDDICRATE	1.000	189.000		150.0000	
		2.000	567.000			

BY: SF  
RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED \_\_\_\_\_

DATE FILLED \_\_\_\_\_

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE  
OF THESE PRODUCTS ARE SET FORTH ON THE  
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



# PACKING SLIP

ORDER NO.: 70516681 FROM: ATLA PAGE 3

CUST NUMBER: 1203820 NET WGT: 504.725 REQ.DATE: 08/22/13 CONFIRMED  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKESBURY ON HAWKESBURY ON  
CANADA ONTARIO CANADA  
CN K6A 1K7 CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 08/16/13  
TERMS: NET 30 DAYS 175 TUBEWAY  
F.O.B.: SHIPPING POINT FOREST PARK GA 30297  
CUST ORD NO.: PO20944  
VIA: COMMON CARRIER  
FREIGHT: PREPAID  
RELEASE NO.:  
RECEIVING PHONE:

"TW Metals MSDS data is available on our web site at [www.twmetals.com](http://www.twmetals.com). MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

## "CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Authorized Test Report Clerk

Date: 8/16/13

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

**THANK YOU FOR THIS ORDER**

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON THE REVERSE SIDE FOR YOUR CAREFUL REVIEW.



# SHANGHAI CRYSTAL PALACE PIPE CO., LTD

## INSPECTION CERTIFICATE

CRYSTAL-PALACE

ISO9001:2008 ; PED Material CERTIFICATE (No.: QAC0021058/A) DATE OF ISSUE: 2012/11/17

CUSTOMER: KASUGAI CORPORATION OF AMERICA, INC.				CERTIFICATE NO. :2012-8-3-B-8					
P.O.NO.: M 49281567				ORDER NO. :2012-08-003-B					
COMMODITY: STAINLESS STEEL SEAMLESS TUBE.				GRADE : ASTM A269-10/A213-11A TP304/304L					
CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END / OD POLISHED 240 GRIT.				HEAT NO. : YT20888					
CHEMICAL CONTENTS (WT%)									
ELEMENTS		C	Mn	P	S	Si	Ni	Cr	TEST REPORTS ACCEPTED BY  DEC 27 2012  <i>h m b m</i>

### PHYSICAL PROPERTIES

Dimensions		Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa)	T S (Mpa)	EL (%)	FLARING TEST	FLATTENING TEST	HARDNESS HRB	EDDY CURRENT TEST (100%)
O.D (inch)	W.T (inch)	Length (feet)									
1 1/4	0.120	20	12-9-135	50	664	255	640	65.5	OK	75	OK

#### REMARKS:

AS PER ASTM A269-10 / ASTM A213-11A / ASME 308-23  
SA213-10 EXCEPT AVG WALL  
IN COMPLIANCE TO NACE MR0175/ISO 15156-2003  
SOLUTION HEAT TREATMENT : 1050°C X 1.5m/min  
NO WELD REPAIR WAS PERFORMED  
FREE FROM MERCURY CONTAMINATION  
COUNTRY OF ORIGIN: CHINA  
COUNTRY OF MELT: CHINA

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT  
2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.

SHANGHAI CRYSTAL PALACE PIPE CO., LTD

Dingweiguo

MANAGER OF QUALITY ASSURANCE DEPARTMENT

# KAISER ALUMINUM

FABRICATED PRODUCTS

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
6573 W. WILLIS ROAD  
CHANDLER, AZ 85226

CUSTOMER PO NUMBER: M49285582-2		CUSTOMER PART NUMBER: 43377		PRODUCT DESCRIPTION: Seamless Tube/Pipe	
KAISER ORDER NUMBER: 212273	LINE ITEM: 002	SHIP DATE: 01/14/2013	KAISER LOT NUMBER: F00135924	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 528.000 LB	QUANTITY: 78.000 PCS	B/L NUMBER: 212942	DIAM/DAF/THKNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO:  TW METALS INC 175 TUBEWAY FOREST PARK, GA 30298 USA			SOLD TO:  TW METALS INC 760 CONSTITUTION DRIVE SUITE 204 EXTON, PA 19341 USA		

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00135924	0001	1	45.3	42.1	21.5	N/A	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D71116	.62	.27	.21	.06	1.03	.06	.03	.02	.00	.00	.00	.01	.02

### Applicable Requirements:

Description: OD: 1.000"; Wall: 0.188"; Round @  
AMS-4082P AMS-WW-T-700/6B ASTM B210-12 WW-T-700/6F  
WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS-4082P, WAS NOT OILED.  
This Product Complies to FAR BAA, DFARS BAA, FAR TAA  
COMPLIES TO DIN EN 10204 JAN 2005  
No Weld Repair. Mercury Free.

*JM 13-08-23*

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

TEST REPORTS  
ACCEPTED BY

JAN 17 2013

*[Signature]*  
TW METALS

Plant Serial: 00014567  
Kaiser Order Number: 212273  
Line Item: 002

# **KAISER**

## **ALUMINUM**

### **FABRICATED PRODUCTS**

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
6573 W. WILLIS ROAD  
CHANDLER, AZ 85226

*Best in Class*

## **CERTIFIED TEST REPORT**

<http://Online.KaiserAluminum.com>

### **CERTIFICATION**

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager

*Nathaniel Stevens*

TEST REPORTS  
ACCEPTED BY

JAN 17 2013

*M. Manange*  
TW METALS

Plant Serial: 00014567  
Kaiser Order Number: 212273  
Line Item: 002



# KAISER ALUMINUM

FABRICATED PRODUCTS

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: M49293127-1		CUSTOMER PART NUMBER: 43377		PRODUCT DESCRIPTION: Seamless Tube/Pipe	
KAISER ORDER NUMBER: 640331	LINE ITEM: 001	SHIP DATE: 06/02/2013	KAISER LOT NUMBER: F00142650	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 426.000 LB	QUANTITY: 63.000 PCS	B/L NUMBER: 606342	DIAM/DAF/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO:  TW METALS INC 175 TUBEWAY FOREST PARK, GA 30298 USA			SOLD TO:  TW METALS INC 760 CONSTITUTION DRIVE SUITE 204 EXTON, PA 19341 USA		

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
F00142650	0001	1	46.4	43.0	20.0	N/A	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D71560	.60	.29	.22	.04	.99	.09	.04	.02	.00	.00	.00	.01	.02

### Applicable Requirements:

Description: OD: 1.000"; Wall: 0.188"; Round @  
AMS-4082P AMS-WW-T-700/6B ASTM B210-12 WW-T-700/6F  
WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS-4082P, WAS NOT OILED.  
This Product Complies to FAR BAA, DFARS BAA, FAR TAA  
COMPLIES TO DIN EN 10204 JAN 2005  
No Weld Repair. Mercury Free.

*Jm*  
13-08-23

### Miscellaneous Notes

MANUFACTURED IN USA (CHANDLER, AZ) MELTED IN USA  
MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA  
(DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5  
TRADE AGREEMENTS).

TEST REPORTS  
ACCEPTED BY

JUN 05 2013

*W. Manange*  
TW METALS

Plant Serial: 00092137  
Kaiser Order Number: 640331  
Line Item: 001

# **KAISER ALUMINUM**

**FABRICATED PRODUCTS**

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

## **CERTIFIED TEST REPORT**

<http://Online.KaiserAluminum.com>

### **CERTIFICATION**

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Timothy K. Fargo, Quality & Technology Manager



TEST REPORTS  
ACCEPTED BY

JUN 05 2013

  
TW METALS

# KAISER ALUMINUM FABRICATED PRODUCTS

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: M49294907-1		CUSTOMER PART NUMBER: 45963		PRODUCT DESCRIPTION: 1.000 X .125 SQ SQ TUBE	
KAISER ORDER NUMBER: 642641	LINE ITEM: 001	SHIP DATE: 06/17/2013	KAISER LOT NUMBER: HP061-588	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 909.000 LB	QUANTITY: 84.000 PCS	B/L NUMBER: 606477	DIAM/DAF/THKNS:	WIDTH:	LENGTH: 21.083 FT
SHIP TO:  TW METALS INC 175 TUBEWAY FOREST PARK, GA 30298 USA			SOLD TO:  TW METALS INC THE ARBORETUM 760 CONSTITUTION AVENUE EXTON, PA 19341 USA		TEST REPORTS ACCEPTED BY  JUN 20 2013 <i>M. Wang</i> TW METALS

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
HP061-588	0001	0001	45.3	42.9	12.6	RE 95	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00

### Applicable Requirements:

ASTM-B221-13 STENCILED AMS-QQ-A-200/8 TYPE 2 UNS#A96061

### Miscellaneous Notes

MANUFACTURED IN USA (COMMERCE, CA) MELTED IN USA  
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILITIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL. MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA (DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5 TRADE AGREEMENTS).

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Timothy K. Fargo, Quality & Technology Manager

*Timothy K. Fargo*

Plant Serial: 00094656

Kaiser Order Number: 642641

Line Item: 001

# KAISER ALUMINUM

FABRICATED PRODUCTS

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
2425 STEVENS DRIVE  
RICHLAND, WA 99352

CUSTOMER PO NUMBER: M49298412-1		CUSTOMER PART NUMBER: 45283		PRODUCT DESCRIPTION: ESRT 3.500 OD X .375 WA	
KAISER ORDER NUMBER: 316014	LINE ITEM: 001	SHIP DATE: 07/25/2013	KAISER LOT NUMBER: 50596-038	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 1247.000 LB	QUANTITY: 12.000 PCS	B/L NUMBER: 004237	DIAM/DAF/THKNS:	WIDTH:	LENGTH: 24.000 FT
SHIP TO: TW METALS INC 175 TUBEWAY FOREST PARK, GA 30298 USA			SOLD TO: TW METALS INC THE ARBORETUM 760 CONSTITUTION AVENUE EXTON, PA 19341 USA		

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	%Elong in 2	HARDNESS	CONDUCT.	BEND
50596-038	0001	001	42.4	39.2	17.5	NA N/A	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

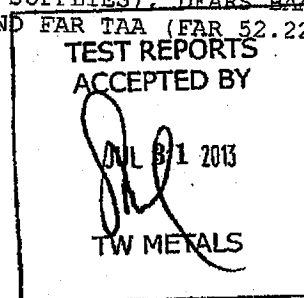
LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	.0
034025	.62	.26	.20	.03	.99	.06	.01	.02	.00	.00	.00	.00	.00

### Applicable Requirements:

AMS-QQ-A-200/8, TYPE 1 ASTM-B241-12 ASME-SB241 1998 SECT II Also conforms to EN 10204  
3.1 STENCIL WITH AMS-QQ-A-200/8

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA  
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL. MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DEARS BAA (DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5 TRADE AGREEMENTS).



Plant Serial: 00009107  
Kaiser Order Number: 316014  
Line Item: 001

# **KAISER ALUMINUM**

**FABRICATED PRODUCTS**

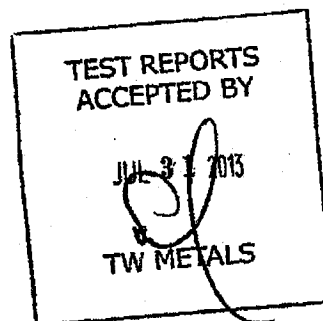
KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
2425 STEVENS DRIVE  
RICHLAND, WA 99352

**CERTIFIED TEST REPORT**  
<http://Online.KaiserAluminum.com>

## **CERTIFICATION**

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JOSEPH AMES, QUALITY MANAGER





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO20944**

Purchase Order Date 8/15/2013

PO Print Date 8/15/2013

Page Number 1 of 2

**Order From :**

VU-TWM001

TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**  
8/15/13

**Contact Name**  
**Vendor Phone** 585 768 5600

**Ship To Contact**  
**Ship To Phone**  
**Ship Via:**  
**Ship Acct:**

**Buyer** Chantal Lavoie  
**Customer POID**  
**Customer Tax #** 10127-2607  
**Terms** Net 30  
**Currency** USD  
**FOB** Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M304TR1.250W.125	304 RD Tube 1.250 x .125w	8/22/2013 Yes 8/22/2013		108.00 f 100	\$6.95	\$750.60
MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASME SA213 OR ASRM A269 .120" WALL ACCEPTABLE							
Line Total:							\$750.60
2	M6061T6T1.000W.188	6061T6 RD TUBE 1.00 X .188W	8/22/2013 Yes 8/22/2013		300.00 f	\$6.56	\$1,968.00
MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING AS PER 700/6 OR QQ-A-220/8 OR QQ-A-225/8 OR AMS 4080 OR 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241							

Line Total: \$1,968.00

8013-8-23

Note:

8/15/2013



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO20944**

Purchase Order Date 8/15/2013

PO Print Date 8/15/2013

Page Number 2 of 2

Order From :  
TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

VU-TWM001

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 585 768 5600

Ship To Contact  
Ship To Phone  
Ship Via:  
Ship Acct:

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency USD  
FOB Destination-Collect

3 M6061T6T3.500W.375 6061-T6 RD Tube 3.50 X .375 W 8/22/2013 24.00 *[initials]* \$18.00 \$432.00  
Yes  
8/22/2013

SPEC'S AS ABOVE

4 M6061T6TS1.000W.120 6061T6 SQ TUBE 1.00 x 1.00 X .120w 8/22/2013 160.00 *[initials]* \$2.00 \$320.00  
Yes  
8/22/2013

MATERIAL: 6061-T6/T651/T6510/T6511T62 SQUARE TUBING  
PER AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR  
AMS-QQ-A-200/8 OR AMS 4160

Line Total: \$432.00

Line Total: \$320.00

PO Total: \$3,470.60

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.  
No substitution or deviation without consent.  
Certificate of Conformity or Material Certification required - YES NO  
PST# 6122-5207

Change Nbr: 1

Change Date: 8/15/2013